RNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 D21G1/00

9 8 APR 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC} & 7 & \mbox{D21G} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 960 046 A (ANSTOETZ HELMUT ET AL) 2 October 1990 (1990-10-02) column 3, line 42 -column 4, line 50; figure	1,3,5,7, 11,13
X	US 6 003 440 A (KYYTSOENEN MARKKU ET AL) 21 December 1999 (1999-12-21) cited in the application column 1, line 63 -column 2, line 51 column 5, line 17 -column 6, line 28 figures 2,5A,5B,5C	1,4,6,7, 12,14
X	US 4 332 191 A (KANKAANPAA MATTI) 1 June 1982 (1982-06-01) cited in the application column 10, line 59 -column 11, line 29 figures 5D,5E -/	1,3,5,7, 10,11,13

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date C* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means D* document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 13 June 2003	Date of mailing of the international search report 01/07/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Maisonnier, C



Intelle	oplication No
PCT/E	32/12117

		PC1/E-32/1211/
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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X	US 4 375 188 A (LEIVISKAE VEIKKO) 1 March 1983 (1983-03-01) cited in the application column 5, line 20 - line 47 figures 3A,3B,3C	1,2,7,10
X	DE 201 03 292 U (METSO PAPER INC) 7 June 2001 (2001-06-07) page 6, paragraph 8 -page 11, paragraph 2 figure 1	1,7
Α	EP 0 661 405 A (VALMET PAPER MACHINERY INC) 5 July 1995 (1995-07-05) column 5, line 29 -column 6, line 45 figures 2A,2B,2C	1,7

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